

IN THE DRAWINGS:

Please delete page "6/6" of the drawings, also labeled as "Reference Numerals" in its entirety.

IN THE CLAIMS:

Please amend the claims as follows:

1           1. (Amended) A method for manufacturing a [speaker]  
2 diaphragm for a loudspeaker, [said method] comprising the steps of:  
3           [disposing] heating a molded resin [speaker] diaphragm for said  
4 loudspeaker; and [made by one of injection molding and sheet forming by heating]  
5 in a reactive chamber;

6           [disposing an electrode outside said reactive chamber;]  
7           [and] activating the surface of said [speaker] diaphragm for said  
8 loudspeaker by applying plasma while keeping the temperature inside said reactive  
9 chamber below [the] a heat deformation temperature of said [speaker] diaphragm  
10 for said loudspeaker.

1           2. (Amended) The method for manufacturing a [speaker]  
2 diaphragm for a loudspeaker as defined in Claim 1, wherein a plurality of [said]  
3 molded resin speaker diaphragms are placed inside [a in] said reactive chamber at  
4 a certain interval so as to apply plasma substantially uniformly.

1           3. (Amended) The method for manufacturing a [speaker]  
2 diaphragm for a loudspeaker as defined in Claim 1, wherein isocyanate primer is  
3 applied after plasma treatment.

1                   4. (Amended) The method for manufacturing a [speaker]  
2 diaphragm for a loudspeaker as defined in Claim 2, wherein isocyanate primer is  
3 applied after plasma treatment.

1                   5. (Amended) The method for manufacturing a [speaker]  
2 diaphragm for a loudspeaker as defined in Claim 1, wherein one of monopolymer  
3 and copolymer of polyolefin such as polyethylene and polypropylene is used as a  
4 material for said [speaker] diaphragm for said loudspeaker.

1                   6. (Amended) The method for manufacturing a [speaker]  
2 diaphragm for a loudspeaker as defined in Claim 2, wherein one of monopolymer  
3 and copolymer of polyolefin such as polyethylene and polypropylene is used as a  
4 material for said [speaker] diaphragm for said loudspeaker.

1                   7. (Amended) The method for manufacturing a [speaker]  
2 diaphragm for a loudspeaker as defined in Claim 3, wherein one of monopolymer  
3 and copolymer of polyolefin such as polyethylene and polypropylene is used as a  
4 material for said [speaker] diaphragm for said loudspeaker.

1                   8. (Amended) The method for manufacturing a [speaker]  
2 diaphragm for a loudspeaker as defined in Claim 4, wherein one of monopolymer  
3 and copolymer of polyolefin such as polyethylene and polypropylene is used as a  
4 material for said [speaker] diaphragm for said loudspeaker.

1                   9. (Amended) A [speaker] diaphragm for a loudspeaker  
2 manufactured in accordance with the steps of:

3 [disposing] heating a molded resin speaker diaphragm; [made by one  
4 of injection molding and sheet forming by heating in a reactive chamber;  
5 disposing an electrode outside said reactive chamber;] and  
6 activating the surface of said speaker diaphragm by applying plasma  
7 while keeping the temperature inside said reactive chamber below [the] a heat  
8 deformation temperature of said [speaker] diaphragm for said loudspeaker.

1 10. (Amended) The [speaker] diaphragm for a loudspeaker as  
2 defined in Claim 9, wherein isocyanate primer is applied after plasma treatment.

1 11. (Amended) The [speaker] diaphragm for a loudspeaker as  
2 defined in Claim 9, wherein one of monopolymer and copolymer of polyolefin  
3 such as polyethylene and polypropylene is used as a material for said [speaker]  
4 diaphragm for said loudspeaker.

1 12. (Amended) The [speaker] diaphragm for a loudspeaker as  
2 defined in Claim 10, wherein one of monopolymer and copolymer of polyolefin  
3 such as polyethylene and polypropylene is used as a material for said [speaker]  
4 diaphragm for said loudspeaker.

1 13. (Amended) A loudspeaker, [at least] comprising:  
2 a magnetic circuit;  
3 a frame connected to said magnetic circuit; and  
4 a loudspeaker diaphragm [whose] having an inner circumference  
5 [being] which is connected to a voice coil embedded in a magnetic gap of said  
6 magnetic circuit, and an outer circumference being bonded to said frame;  
7 wherein said loudspeaker diaphragm [is one of that defined in  
8 Claims 9 to 12] is manufactured in accordance with the steps of:

9                   heating a molded resin speaker diaphragm; and  
10                   activating the surface of said loudspeaker diaphragm by applying  
11                   plasma while keeping the temperature inside said reactive chamber below a heat  
12                   deformation temperature of said loudspeaker diaphragm.

1                   14. (Amended) A loudspeaker, [at least] comprising:  
2                   a magnetic circuit;  
3                   a frame connected to said magnetic circuit; and  
4                   a [speaker] diaphragm for said loudspeaker [whose] having an inner  
5                   circumference [being] which is connected to a voice coil embedded in a magnetic  
6                   gap of said magnetic circuit, and an outer circumference being bonded to said  
7                   frame via an edge;  
8                   wherein said [speaker] diaphragm for said loudspeaker is [one of that  
9                   defined in Claims 9 to 12] manufactured in accordance with the steps of:  
10                   heating a molded resin loudspeaker diaphragm; and  
11                   activating the surface of said loudspeaker diaphragm by applying  
12                   plasma while keeping the temperature inside said reactive chamber below a heat  
13                   deformation temperature of said loudspeaker diaphragm.

Please add the following new claims:

1                   15. (Newly Added) The method for manufacturing a loudspeaker  
2                   diaphragm as defined in claim 1, further comprising the step of manufacturing said  
3                   molded resin speaker diaphragm by one of injection molding and sheet forming.

1                   16. (Newly Added) The method of manufacturing a loudspeaker  
2                   diaphragm as defined in claim 1, wherein said reactive chamber is disposed with a  
3                   meshed metal frame inside said reactive chamber and with an electrode outside  
4                   said reactive chamber.

1                   17. (Newly Added) A loudspeaker diaphragm as defined in claim  
2   9, wherein said loudspeaker diaphragm is further manufactured in accordance with  
3   one of injection molding and sheet forming.

1                   18. (Newly Added) A loudspeaker diaphragm as defined in claim  
2   9, wherein said reactive chamber is disposed with a meshed metal frame inside  
3   said reactive chamber and with an electrode outside of said reactive chamber.

1                   19. (Newly Added) A loudspeaker according to claim 13,  
2   wherein said loudspeaker diaphragm is further manufactured in accordance with  
3   one of injection molding and sheet forming.

1                   20. (Newly Added) A loudspeaker according to claim 13,  
2   wherein said reactive chamber is disposed with a meshed metal frame inside said  
3   reactive chamber and with an electrode outside said reactive chamber.